

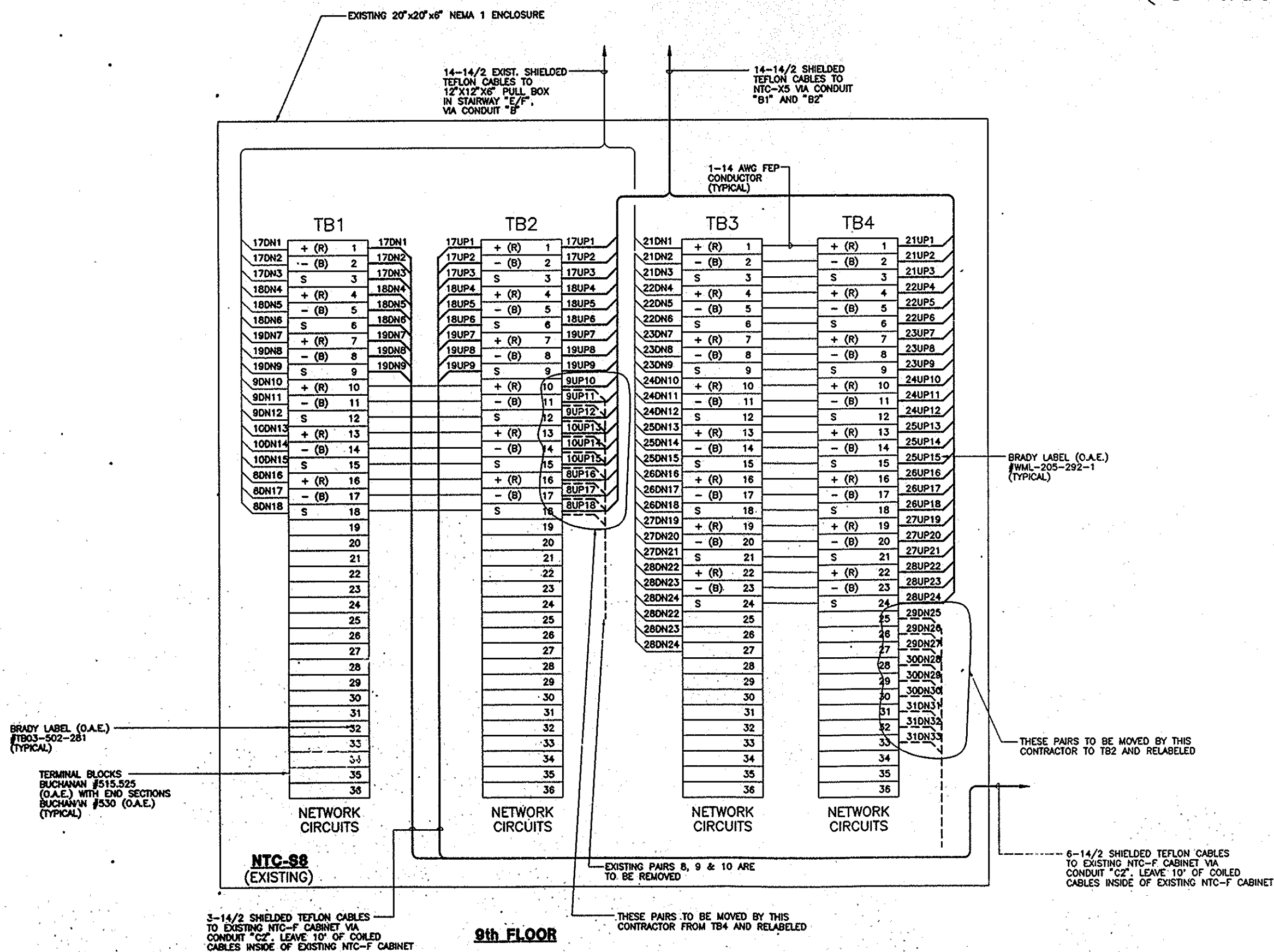
DETAIL "A" - TYPICAL SHIELD/RAIN INSULATING METHOD

NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG'S E-1 AND E-2.
2. ALL SHIELDS SHALL BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE DETAIL "A" (ON THIS DWG).
3. FOR NTC-S8 ENCLOSURE LOCATION, SEE DWG E-26.
4. CONTRACTOR SHALL SHAPE, TEST AND LABEL ALL CABLES. FINAL CONNECTION SHALL BE MADE BY CONTRACTOR IN THE PRESENCE AND UNDER THE DIRECT SUPERVISION OF THE ENGINEER.

LEGEND

- 21UP5
21DN5
- #14 AWG CONDUCTORS AND DRAINS
21 - INDICATES PAIR NUMBER
- UP - INDICATES WIRE RUN TO UPPER FLOOR
DN - INDICATES WIRE RUN TO LOWER FLOOR
5 - INDICATES TERMINAL BLOCK NUMBER
- TB2 - TERMINAL BLOCK #2
- (+) INDICATES POSITIVE POLARITY
(-) INDICATES NEGATIVE POLARITY
(R) INDICATES RED WIRE
(B) INDICATES BLACK WIRE
(S) INDICATES SHIELD/DRAIN WIRE
2 INDICATES TERMINAL BLOCK POINT NUMBER
- + (R) 2



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THE PORT AUTHORITY
OF NY & NJ

ENGINEERING PROGRAM MANAGER
WORLD TRADE
CENTER
CHIEF ELECTRICAL ENGINEER

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL
Title

FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

NTC-S8
BLOCK WIRING
DIAGRAM

I HEREBY CERTIFY THAT THIS IS A TRUE AND
CORRECT COPY OF ONE OF THE CONTRACT
DRAWINGS CONSTITUTING A PART OF
CONTRACT NO. 100-84-571 IN
THE FORM IN WHICH SAID DRAWINGS
EXISTED AT THE TIME THE SAID CONTRACT
WAS EXECUTED BY THE PARTIES.

DATE 12/11/99
12/20/99
CONTRACT ARCH.
ENGINEERING PROGRAM MGR.

FELDMAN ROYMAN
Designed by Drawn by Checked by

5-17-99
Date

WTC-861.571
Contract Number

E-32